

C09D 4/00+C08F220/00  
US 5234970



Publication number:

**0 549 116 A3**

(12)

**EUROPEAN PATENT APPLICATION**

(21) Application number: 92310006.9

(51) Int. Cl.<sup>5</sup>: **C08G 18/67, C08G 18/79,  
C09D 175/14, C08G 18/81**

(22) Date of filing: 02.11.92

(30) Priority: 20.12.91 US 811417

(43) Date of publication of application:  
30.06.93 Bulletin 93/26(64) Designated Contracting States:  
**AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
NL PT SE**(68) Date of deferred publication of the search report:  
04.08.93 Bulletin 93/31(71) Applicant: **W.R. Grace & Co.-Conn.  
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J.A. Kemp & Co. 14 South Square Gray's Inn  
London, WC1R 5LX (GB)**(54) **Dual curing composition and use thereof.**(57) ~~A dual curing composition is prepared from components consisting essential of~~

(a) an isocyanate adduct having (i) free isocyanate groups and (ii) free photopolymerizable ethylenically unsaturated groups, wherein the ethylenically unsaturated groups comprise from 10 to 70% of the total of any free functional groups on said adduct;

(b) a reactive (meth)acrylate diluent; and

(c) optionally, photoinitiator.

When cured, the above composition is particularly suitable as a conformal coating on electronic circuit boards.

**EP 0 549 116 A3**



European Patent  
Office

## EUROPEAN SEARCH REPORT

Application Number

EP 92 31 0006

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	EP-A-0 126 359 (BAYER) * page 4, line 7 - page 13, line 12; claims 1-6 *	1-8	C08G18/67 C08G18/79 C09D175/14 C08G18/81
A	EP-A-0 216 099 (DESOTO) * claims *	1	
A	EP-A-0 040 242 (BAYER) * claims; examples *	1	
D,A	US-A-4 415 604 (NATIVI)		
D,A	US-A-4 138 299 (BOLGIANO)		
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			C08G C09D
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 28 MAY 1993	Examiner BOURGONJE A.F.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons ..... & : member of the same patent family, corresponding document	